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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/811,875	03/30/2004	Elliott Farber	69273-0009 DIV 2779	
24633 HOGAN & H <i>A</i>	7590 05/23/2007 ARTSON LLP	EXAMINER		
IP GROUP, COLUMBIA SQUARE			CARTER, KENDRA D	
555 THIRTEE WASHINGTO	NTH STREET, N.W. N. DC 20004		ART UNIT	PAPER NUMBER
			1617	
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•			MAIL DATE	DELIVERY MODE
	·		05/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No.	Applicant(s)				
		10/811,875	FARBER, ELLIOTT				
		Examiner	Art Unit				
	•	Kendra D. Carter	1617				
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet with the c	correspondence address				
WHIC - External after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE IN THE MAIL	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tir will apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ED (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on 30 M	arch 2004.	e e				
2a) <u></u> □	This action is FINAL . 2b)⊠ This action is non-final.						
3)[Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
	closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 4	53 O.G. 213.				
Dispositi	on of Claims						
4)⊠	Claim(s) 33-39 is/are pending in the application	1.					
	4a) Of the above claim(s) is/are withdrawn from consideration.						
	5) Claim(s) is/are allowed.						
	6)⊠ Claim(s) <u>33-39</u> is/are rejected.						
7)	Claim(s) is/are objected to.						
8)[]	Claim(s) are subject to restriction and/or	r election requirement.					
Applicati	on Papers		,				
9)[The specification is objected to by the Examine	r.					
·	The drawing(s) filed on is/are: a) ☐ acce		Examiner.				
	Applicant may not request that any objection to the						
	Replacement drawing sheet(s) including the correct	*-	• •				
11)	The oath or declaration is objected to by the Ex						
Priority ι	ınder 35 U.S.C. § 119						
_	Acknowledgment is made of a claim for foreign ☐ All b) ☐ Some * c) ☐ None of:	priority under 35 U.S.C. § 119(a)-(d) or (f).				
	1. Certified copies of the priority documents have been received.						
	2. Certified copies of the priority documents have been received in Application No						
	3. Copies of the certified copies of the prior		ed in this National Stage				
* 0	application from the International Bureau						
	See the attached detailed Office action for a list	or the certified copies not receive	: 0.				
Attachmen	t(s)						
	e of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
3) 🔯 Inform	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date <u>10/24/05</u> .	Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:					

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DETAILED ACTION

Claims 33-39 are pending. Claims 1-32 were cancelled.

Priority

The limitation that the composition further comprise a carbohydrate polymer selected from the group consisting of galactoarabinan, polygalactose, and polyarabinose (claims 36 and 37) is not disclosed in the application 09/360,095, and thus receives the priority date of 5/12/2000 from the application 09/570,266.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

(1) Claims 33-37 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 106-111 of copending Application No. 11/300,360 ('360). Although the conflicting claims are not identical, they are not patentably distinct from each other.

This is a <u>provisional</u> obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

The application '360 teaches a composition comprising an oil-in-water emulsion comprising allantoin; at least one anionic or nonionic emulsifier selected from the group consisting of an acidic anionic polymer and a nonionic emulsifier that is an ethoxylated ether or an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms; and a carbohydrate polymer selected from the group consisting of galactoarabinan, polygalctose and polyarabinose; wherein the pH of the composition is in a range of from about 3.0 to about 6.0.

The application '360 does not teach specifically teach an emulsifier system comprising an acidic anionic polymer <u>and</u> an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms.

To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the composition of '360 and both emulsifiers because the

claim 106 teaches at least one anionic or nonionic emulsifier selected from the group consisting of an acidic anionic polymer and a nonionic emulsifier that is an ethoxylated ether or an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms. Thus, the composition can comprise both.

(2) Claims 33-39 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 35-39, 44-48, 60-65 and 70 of copending Application No. 11/266,251 ('251). Although the conflicting claims are not identical, they are not patentably distinct from each other.

This is a <u>provisional</u> obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

The application '251 teaches a method for treating a skin condition comprising applying to the skin an allantoin-containing composition comprising an oil-in-water emulsion comprising allantoin; an emulsifier system comprising an acidic anionic polymer and a nonionic emulsifier that is an ethoxylated ether or an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms (see claim 60); wherein the pH of the composition is in a range of from about 3.0 to about 6.0. The acidic anionic polymer is a carboxypolymethylene polymer (see claims 61) and further comprises a

carbohydrate polymer selected from the group consisting of galactoarabinan,

polygalctose and polyarabinose (see claims 63-64) and glyceryl stearate (see claim 65).

The composition further comprises at least one of: an amollient component comprising

at least one (a) emollient selected from the group consisting of lanolin oil, cetyl alcohol,

stearyl alcohol, and cod liver oil; (b) butylated hydroxytoluene; (c) a preservative

component comprising at least one preservative selected from the group consisting of

methylparaben, propylparaben and diazolidinyl urea; and (d) a solvent component

comprising at least one solvent selected from the group consisting of ethylene glycol,

propylene glycol, butylenes glycol, and glycerin (see claim 70).

The application '251 does not specifically teach a composition.

To one of ordinary skill in the art at the time of the invention would have found it

obvious to combine the method of '251 and the composition because the composition is

taught in the method.

(3) Claims 33, 34 and 39 are provisionally rejected on the ground of

nonstatutory obviousness-type double patenting as being unpatentable over

claims 14, 15, 20, 21 and 26 of copending Application No. 10,728,838 ('838) in view

of Glover et al. (US 5,326,557).

This is a <u>provisional</u> obviousness-type double patenting rejection.

The application '838 teaches a method for treating a skin condition comprising applying to the skin an allantoin-containing composition comprising an oil-in-water emulsion comprising allantoin; lanolin oil, cetyl alcohol, stearyl alcohol, and cod liver oil, butylated hydroxytoluene, a nonionic emulsifier that is an ethoxylated ether or an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms; wherein the pH of the composition is in a range of from about 3.0 to about 6.0 (see claim 14). The composition further comprises at least one of: (a) a preservative component comprising at least one preservative selected from the group consisting of methylparaben, propylparaben and diazolidinyl urea; and (b) a solvent component comprising at least one solvent selected from the group consisting of ethylene glycol, propylene glycol, butylenes glycol, and glycerin (see claim 26).

The application '838 does not specifically teach a composition or a composition comprising an acidic anionic polymer.

Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., glyceryl stearate, stearyl alcohol, propylene glycol, methylparaben, propylparaben and diazolidinyl urea (see column 3, example II, lines 5, 6, 15, 16, 31, 33 37, and 44-46).

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To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the method of '838 and the composition because the composition is taught in the method.

To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the method of '838 and a composition comprising an acidic anionic polymer because Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., (see column 3, example II, lines 5, 6, 15 and 16). As the current application '875 specifies in the specification on page 9, lines 24-27 that the acidic anionic polymer is preferably a carboxypolymethylene polymer under the brand names Carbopol marketed by B.F. Goodrich. Both compositions are oil-in-water emulsions, thus "It is *prima facie* obvious to combine two compositions each of which is taught by the prior art to be useful for the same purpose, in order to form a third composition to be used for the very same purpose.... [T]he idea of combining them flows logically from their having been individually taught in the prior art." *In re Kerkhoven*, 626 F.2d 846, 850, 205 USPQ 1069, 1072 (CCPA 1980). See also *In re Crockett*, 279 F.2d 274, 126 USPQ 186 (CCPA 1960); *Ex parte Quadranti*, 25 USPQ2d 1071 (Bd. Pat. App. & Inter. 1992); and *In re Geiger*, 815 F.2d 686, 2 USPQ2d 1276 (Fed. Cir. 1987).

(4) Claims 33, 34 and 39 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1, 4 and 7 of U.S. Patent No. 6,531,500 B2 ('500) in view of Glover et al. (US 5,326,557).

The patent '500 teaches a method for treating *Epidermolysis bullosa* comprising applying to the skin an allantoin-containing composition comprising an oil-in-water emulsion comprising allantoin; lanolin oil, cetyl alcohol, stearyl alcohol, and cod liver oil, butylated hydroxytoluene, a nonionic emulsifier that is an ethoxylated ether or an emulsifier system comprising at least one nonionic emulsifier that is an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms; wherein the pH of the composition is in a range of from about 4.5 to about 5.8 (see claims 1 and 4). The composition further comprises at least one of: (a) a preservative component comprising at least one preservative selected from the group consisting of methylparaben, propylparaben and diazolidinyl urea; and (b) a solvent component comprising at least one solvent selected from the group consisting of ethylene glycol, propylene glycol, butylenes glycol, and glycerin (see claim 7).

The patent '500 does not specifically teach a composition or a composition comprising an acidic anionic polymer.

Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., glyceryl stearate, stearyl alcohol, propylene glycol, methylparaben, propylparaben and diazolidinyl urea (see column 3, example II, lines 5, 6, 15, 16, 31, 33 37, and 44-46).

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To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the method of '500 and the composition because the composition is taught in the method.

To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the method of '500 and a composition comprising an acidic anionic polymer because Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., (see column 3, example II, lines 5, 6, 15 and 16). As the current application '875 specifies in the specification on page 9, lines 24-27 that the acidic anionic polymer is preferably a carboxypolymethylene polymer under the brand names Carbopol marketed by B.F. Goodrich. Both compositions are oil-in-water emulsions, thus "It is *prima facie* obvious to combine two compositions each of which is taught by the prior art to be useful for the same purpose, in order to form a third composition to be used for the very same purpose.... [T]he idea of combining them flows logically from their having been individually taught in the prior art." *In re Kerkhoven*, 626 F.2d 846, 850, 205 USPQ 1069, 1072 (CCPA 1980). See also *In re Crockett*, 279 F.2d 274, 126 USPQ 186 (CCPA 1960); *Ex parte Quadranti*, 25 USPQ2d 1071 (Bd. Pat. App. & Inter. 1992); and *In re Geiger*, 815 F.2d 686, 2 USPQ2d 1276 (Fed. Cir. 1987).

(5) Claims 33, 34 and 39 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 8, 9, 16,

17, 30, 39-41, 47 and 48 of U.S. Patent No. 6,281,236 B1 ('236) in view of Glover et al. (US 5,326,557).

The patent '236 teaches an oil-in-water emulsion comprising allantoin; lanolin oil, cetyl alcohol, stearyl alcohol, and cod liver oil, butylated hydroxytoluene, a nonionic emulsifier that is an ethoxylated ether or an emulsifier system comprising at least one nonionic emulsifier that is an ethoxylated ester whose chain length ranges from 8 to 22 carbon atoms; wherein the pH of the composition is in a range of from about 4.5 to about 5.8 (see claims 8, 9, 47 and 48). The composition further comprises at least one of: (a) a preservative component; and (b) a solvent component comprising at least one solvent selected from the group consisting of ethylene glycol, propylene glycol, butylenes glycol, and glycerin (see claims 16, 17, 30, and 39-41).

The patent '236 does not specifically teach a composition or a composition comprising an acidic anionic polymer.

Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., glyceryl stearate, stearyl alcohol, propylene glycol, methylparaben, propylparaben and diazolidinyl urea (see column 3, example II, lines 5, 6, 15, 16, 31, 33 37, and 44-46).

To one of ordinary skill in the art at the time of the invention would have found it obvious to combine the method of '236 and a composition comprising an acidic anionic polymer because Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., (see column 3, example II, lines 5, 6, 15 and 16). As the current application '875 specifies in the specification on page 9, lines 24-27 that the acidic anionic polymer is preferably a carboxypolymethylene polymer under the brand names Carbopol marketed by B.F. Goodrich. Both compositions are oil-in-water emulsions, thus "It is *prima facie* obvious to combine two compositions each of which is taught by the prior art to be useful for the same purpose, in order to form a third composition to be used for the very same purpose.... [T]he idea of combining them flows logically from their having been individually taught in the prior art." *In re Kerkhoven*, 626 F.2d 846, 850, 205 USPQ 1069, 1072 (CCPA 1980). See also *In re Crockett*, 279 F.2d 274, 126 USPQ 186 (CCPA 1960); *Ex parte Quadranti*, 25 USPQ2d 1071 (Bd. Pat. App. & Inter. 1992); and *In re Geiger*, 815 F.2d 686, 2 USPQ2d 1276 (Fed. Cir. 1987).

(6) Claims 33-39 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 19-24 of U.S. Patent No. 6,329,413 B1 ('413).

The patent '413 teaches an oil-in-water emulsion comprising allantoin; an emulsifier system comprising an acidic anionic polymer and a nonionic emulsifier that is an ethoxylated ether or an ethoxylated ester whose chain length ranges from 8 to 22

carbon atoms; wherein the pH of the composition is in a range of from about 5.0 to about 5.8 (see claim 19). The acidic anionic polymer is a carboxypolymethylene polymer (see claims 20) and further comprises a carbohydrate polymer selected from the group consisting of galactoarabinan, polygalctose and polyarabinose (see claims 21-22) and glyceryl stearate (see claim 23). The composition further comprises at least one of: an amollient component comprising at least one (a) emollient selected from the group consisting of lanolin oil, cetyl alcohol, stearyl alcohol, and cod liver oil; (b) butylated hydroxytoluene; (c) a preservative component comprising at least one preservative selected from the group consisting of methylparaben, propylparaben and diazolidinyl urea; and (d) a solvent component comprising at least one solvent selected from the group consisting of ethylene glycol, propylene glycol, butylenes glycol, and glycerin (see claim 24).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

⁽a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

- 1. Determining the scope and contents of the prior art.
- 2. Ascertaining the differences between the prior art and the claims at issue.
- 3. Resolving the level of ordinary skill in the pertinent art.
- 4. Considering objective evidence present in the application indicating obviousness or nonobviousness.
- (1) Claims 33-35, 38 and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bettle et al. (US 2003/0044435 A1), in view of Glover et al. (US 5,326,557).

Bettle et al. teaches an emulsion composition comprising an aqueous phase and a second phase comprising one or more fatty acids, and alcohols and/or esters (see pare 1, paragraph 7, lines 2-6; addresses water-in-oil emulsion). The liquid carrier for the composition include water and propylene glycol (see page 3, paragraph 35, lines 1 and 5-7; addresses claim 39). The composition may comprise one or more active agents, which are chosen based upon the properties that one desires from the composition (see page 3, paragraph 36, lines 1-3). Suitable active agents include skin healing emollient ingredients such as allantoin and antioxidants (see page 4, paragraph 39, lines 7 and 8; addresses claim 33). To deliver the active agent a suitable partitioning agent is incorporated to facilitate the migration of the active agents.

Suitable portioning agents include carbomers (see page 4, paragraph 41, line 11; addresses claim) or nonionic polyethoxylated fatty ethers (see page 4, paragraph 42, lines 1-3 and claim 14) ranging from about 12 to about 36 carbon atoms (see page 4, paragraph 44, lines 6 and 7 and claim 18; addresses claim 1). The composition may also comprise one or more anionic surfactants (see page 4, paragraph 46, lines 1 and 2); a thickener in order to increase its viscosity such as carboxypolymethlene (carbopol; see page 5, paragraph 48, lines 9, 10, 12 and 13; addresses claim 35); aids such as glycerin, polypropylene glycol; emulsion stabilizers such as cetyl alcohol and preservatives (see page 5, paragraph 48, lines 15-18; addresses claim 39). The composition has a pH of from about 6.5 to 7.5 (see page 5, paragraph 55, lines 3 and 4; addresses claim 33 and 34).

Bettle et al. does not teach a specific emulsifier system comprising an acidic anionic polymer and a nonionic emulsifier that is an ethoxylated ether (claim 33). Glyceryl stearate (claim 38) is also not taught.

Glover et al. teaches an oil-in-water emulsion comprising thickeners Carbopol by BF Goodrich Co. and stearyl alcohol, glyceryl stearate, propylene glycol, preservatives methylparaben, propylparaben and diazolidinyl urea (see column 3, example II, lines 5, 6, 15, 16, 31, 33 37, and 44-46; addresses claims 33, 35 and 39). Other materials include the antioxidant butylated hydroxytoluene (see column 5, lines 54 and 56) and

emollient oils such as cod liver oil, cetyl alcohol and lanolin oil (see column 6, lines 19, 23, 30 and 32; addresses claim 39).

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To one of ordinary skill in the art at the time of the invention would have found it obvious and motivated to combine the composition of Bettle et al. and an acidic anionic polymer because Glover et al. teaches an oil-in-water emulsion comprising Carbopol by BF Goodrich Co., (see column 3, example II, lines 5, 6, 15 and 16). The Applicant defines the acidic anionic polymer as being preferably a carboxypolymethylene polymer under the brand names Carbopol marketed by B.F. Goodrich (see specification on page 9, lines 24-27). Additionally, both Bettle et al. and Glover et al. teach thickeners (i.e. Particularly, Bettle et al. teaches the thickener acidic anionic polymers). carboxypolymethlene (carbopol) and Glover teaches the thickener Carbopol (see column 3, example II, lines 5, 6, 15 and 16); see page 5, paragraph 48, lines 9, 10, 12 and 13). Although the tickeners are not listed as acidic anionic polymers the limitation of the composition comprising acidic anionic an polymer. specifically carboxypolymethylene is taught. "Products of identical chemical composition can not have mutually exclusive properties." Therefore, if the prior art teaches the identical chemical structure, the properties applicant discloses and/or claims are necessarily present. In re Spada, 911 F. 2d 705, 709, 15 USPQ2d 1655, 1658 (Fed. Cir. 1990). Since, both compositions are oil-in-water emulsions, "It is prima facie obvious to combine two compositions each of which is taught by the prior art to be useful for the

same purpose, in order to form a third composition to be used for the very same purpose.... [T]he idea of combining them flows logically from their having been individually taught in the prior art." *In re Kerkhoven*, 626 F.2d 846, 850, 205 USPQ 1069, 1072 (CCPA 1980). See also *In re Crockett*, 279 F.2d 274, 126 USPQ 186 (CCPA 1960); *Ex parte Quadranti*, 25 USPQ2d 1071 (Bd. Pat. App. & Inter. 1992); and *In re Geiger*, 815 F.2d 686, 2 USPQ2d 1276 (Fed. Cir. 1987).

(2) Claims 36 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bettle et al. (US 2003/0044435 A1), in view of Glover et al. (US 5,326,557) as applied to claims 33-35, 38 and 39 above, and in further view of Westman (Cosmetics and toiletries, 1999, vol. 114(8), pp.63-72).

Bettle et al. and Glover et al. teaches are as applied to claims 3-35, 38 and 39 above.

Bettle et al. and Glover et al. do not teach galactoarabinan, polyglalactose, or polygrabinose.

Westman teaches that galactoarabinan provides a unique combination of personal-care benefits which include the ability to decrease emulsion particle size and improve size uniformity (without increasing viscosity), to reduce trans-epidermal water loss, and to exfoliate human skin (see page 63, column 1, paragraph 1 in its entirety).

To one of ordinary skill in the art at the time of the invention would have found it obvious and motivated to combine the composition of Bettle et al. and Glover et al. and galactoarabinan because Westman teaches that galactoarabinan provides a unique combination of personal-care benefits which include the ability to decrease emulsion particle size and improve size uniformity (without increasing viscosity), to reduce trans-

epidermal water loss, and to exfoliate human skin (see page 63, column 1, paragraph 1

in its entirety).

Conclusion

No claims are allowed. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kendra D. Carter whose telephone number is (571) 272-9034. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreeni Padmanabhan can be reached on (571) 272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KDC

SHEENI PADMANABHAN SUPEFVISORY PATENT EXAMINATE

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